

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
 Data File : VV036651.D
 Acq On : 23 Jul 2024 17:03
 Operator : SY/MD
 Sample : P3276-09
 Misc : 8.50g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E20H8

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M

Title : VOC Analysis

Signal : TIC: VV036651.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.188	41	46	53	rBV	15735	15797	4.04%	0.532%
2	1.272	67	72	90	rVB	36510	43207	11.05%	1.456%
3	1.526	145	151	165	rVB	40216	49348	12.62%	1.663%
4	2.050	305	314	329	rBV	66051	99241	25.38%	3.343%
5	2.233	366	371	383	rVB2	2201	3379	0.86%	0.114%
6	2.446	427	437	451	rBV2	9696	16173	4.14%	0.545%
7	2.899	574	578	582	rVB2	193	234	0.06%	0.008%
8	2.921	582	585	588	rBV2	262	251	0.06%	0.008%
9	2.947	591	593	594	rVV	416	192	0.05%	0.006%
10	2.963	594	598	609	rVB5	928	1354	0.35%	0.046%
11	3.060	624	628	631	rBV2	221	217	0.06%	0.007%
12	3.169	658	662	665	rBV2	272	231	0.06%	0.008%
13	3.291	694	700	702	rBV2	186	166	0.04%	0.006%
14	3.410	736	737	744	rVB2	281	189	0.05%	0.006%
15	3.671	813	818	821	rBV2	282	282	0.07%	0.010%
16	3.757	839	845	852	rBV2	219	371	0.09%	0.012%
17	3.835	857	869	887	rBV4	8711	28376	7.26%	0.956%
18	4.111	953	955	959	rVB2	373	208	0.05%	0.007%
19	4.137	959	963	967	rBV4	230	216	0.06%	0.007%
20	4.272	985	1005	1033	rBV2	65830	190271	48.67%	6.410%
21	4.494	1070	1074	1076	rBV	257	227	0.06%	0.008%
22	4.600	1100	1107	1108	rBV	179	176	0.05%	0.006%
23	4.744	1148	1152	1156	rBV2	160	170	0.04%	0.006%
24	4.809	1165	1172	1178	rBV2	172	211	0.05%	0.007%
25	4.957	1203	1218	1252	rBV2	128599	347614	88.91%	11.711%
26	5.259	1311	1312	1317	rVB2	393	210	0.05%	0.007%
27	5.301	1324	1325	1330	rVB	293	164	0.04%	0.006%
28	5.326	1330	1333	1336	rBV	325	230	0.06%	0.008%
29	5.535	1387	1398	1424	rBV	142301	309385	79.13%	10.423%
30	5.773	1467	1472	1474	rVB3	331	248	0.06%	0.008%
31	5.822	1474	1487	1519	rBV3	115362	272402	69.67%	9.177%
32	5.989	1528	1539	1562	rBV2	83537	179522	45.92%	6.048%
33	6.172	1592	1596	1598	rBV3	397	275	0.07%	0.009%
34	6.423	1671	1674	1677	rBV2	220	222	0.06%	0.007%
35	6.918	1819	1828	1855	rBV2	33643	72763	18.61%	2.451%
36	7.246	1920	1930	1964	rBV	109947	211909	54.20%	7.139%

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Title : VOC Analysis

37	7.458	1994	1996	2002	rVB3	463	406	0.10%	0.014%
38	7.564	2019	2029	2060	rBV2	21207	46046	11.78%	1.551%
39	7.757	2085	2089	2095	rVB2	233	292	0.07%	0.010%
40	7.876	2113	2126	2128	rBV4	1351	1879	0.48%	0.063%
41	7.912	2128	2137	2150	rVV5	7131	13945	3.57%	0.470%
42	8.043	2169	2178	2203	rBV3	23776	64517	16.50%	2.174%
43	8.265	2242	2247	2250	rVB3	384	302	0.08%	0.010%
44	8.297	2253	2257	2259	rVB2	337	230	0.06%	0.008%
45	8.317	2259	2263	2267	rBV2	321	203	0.05%	0.007%
46	8.336	2267	2269	2273	rVV2	341	189	0.05%	0.006%
47	8.574	2340	2343	2348	rVV2	248	221	0.06%	0.007%
48	8.783	2398	2408	2441	rBV	223266	390974	100.00%	13.172%
49	9.037	2484	2487	2490	rBV2	181	164	0.04%	0.006%
50	9.085	2499	2502	2504	rBV	419	327	0.08%	0.011%
51	9.111	2507	2510	2515	rVV4	429	443	0.11%	0.015%
52	9.227	2542	2546	2552	rBV2	262	235	0.06%	0.008%
53	9.259	2553	2556	2561	rVB2	264	220	0.06%	0.007%
54	9.493	2623	2629	2633	rBV3	364	396	0.10%	0.013%
55	9.577	2652	2655	2660	rBV2	185	181	0.05%	0.006%
56	9.629	2669	2671	2676	rBV	357	322	0.08%	0.011%
57	9.735	2700	2704	2707	rBV2	225	221	0.06%	0.007%
58	9.831	2730	2734	2741	rVB5	849	1172	0.30%	0.039%
59	10.165	2831	2838	2842	rBV3	741	846	0.22%	0.029%
60	10.326	2877	2888	2894	rBV4	2284	3551	0.91%	0.120%
61	10.577	2963	2966	2970	rBV	192	181	0.05%	0.006%
62	10.715	3003	3009	3016	rBV2	274	381	0.10%	0.013%
63	10.847	3047	3050	3053	rBV2	321	273	0.07%	0.009%
64	10.956	3079	3084	3086	rBV2	183	183	0.05%	0.006%
65	11.034	3101	3108	3113	rBV2	279	409	0.10%	0.014%
66	11.085	3119	3124	3126	rVB3	291	245	0.06%	0.008%
67	11.146	3138	3143	3145	rBV	450	388	0.10%	0.013%
68	11.185	3145	3155	3178	rVV	180835	294533	75.33%	9.923%
69	11.352	3206	3207	3210	rBV	376	262	0.07%	0.009%
70	11.371	3210	3213	3220	rVB5	836	690	0.18%	0.023%
71	11.503	3247	3254	3261	rBV7	2335	4009	1.03%	0.135%
72	11.561	3261	3272	3296	rVV	161984	270143	69.09%	9.101%
73	11.728	3322	3324	3327	rBV3	476	256	0.07%	0.009%
74	11.773	3335	3338	3342	rBV2	457	317	0.08%	0.011%
75	12.072	3428	3431	3437	rBV3	295	296	0.08%	0.010%
76	12.108	3440	3442	3445	rVV	328	174	0.04%	0.006%

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Peak Location: TOP

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Title : VOC Analysis

77	12.194	3460	3469	3479	rVB6	2150	3317	0.85%	0.112%
78	12.525	3568	3572	3575	rBV2	271	293	0.07%	0.010%
79	12.619	3591	3601	3602	rBV3	2034	2072	0.53%	0.070%
80	12.828	3660	3666	3671	rVV2	713	866	0.22%	0.029%
81	13.120	3753	3757	3759	rBV2	293	189	0.05%	0.006%
82	13.149	3763	3766	3770	rVB	474	344	0.09%	0.012%
83	13.217	3783	3787	3792	rVB2	535	434	0.11%	0.015%
84	13.249	3792	3797	3800	rBV2	173	194	0.05%	0.007%
85	13.368	3832	3834	3838	rBV2	248	190	0.05%	0.006%
86	13.452	3857	3860	3865	rVV2	484	527	0.13%	0.018%
87	13.529	3880	3884	3887	rBV3	576	510	0.13%	0.017%
88	13.683	3931	3932	3937	rVB3	643	310	0.08%	0.010%
89	13.709	3937	3940	3941	rBV	326	194	0.05%	0.007%
90	13.834	3977	3979	3981	rBV2	415	262	0.07%	0.009%
91	13.985	4017	4026	4032	rBV	3246	4661	1.19%	0.157%
92	14.291	4118	4121	4126	rBV3	482	520	0.13%	0.018%
93	14.345	4136	4138	4141	rVB3	433	172	0.04%	0.006%
94	14.361	4141	4143	4145	rBV2	350	178	0.05%	0.006%
95	14.384	4149	4150	4154	rVB	484	243	0.06%	0.008%
96	14.590	4209	4214	4218	rBV4	1021	1188	0.30%	0.040%
97	15.419	4469	4472	4474	rBV3	592	378	0.10%	0.013%
98	15.480	4489	4491	4493	rBV	520	322	0.08%	0.011%
99	15.583	4515	4523	4529	rBV7	2805	4694	1.20%	0.158%
100	15.741	4570	4572	4575	rBV3	870	703	0.18%	0.024%

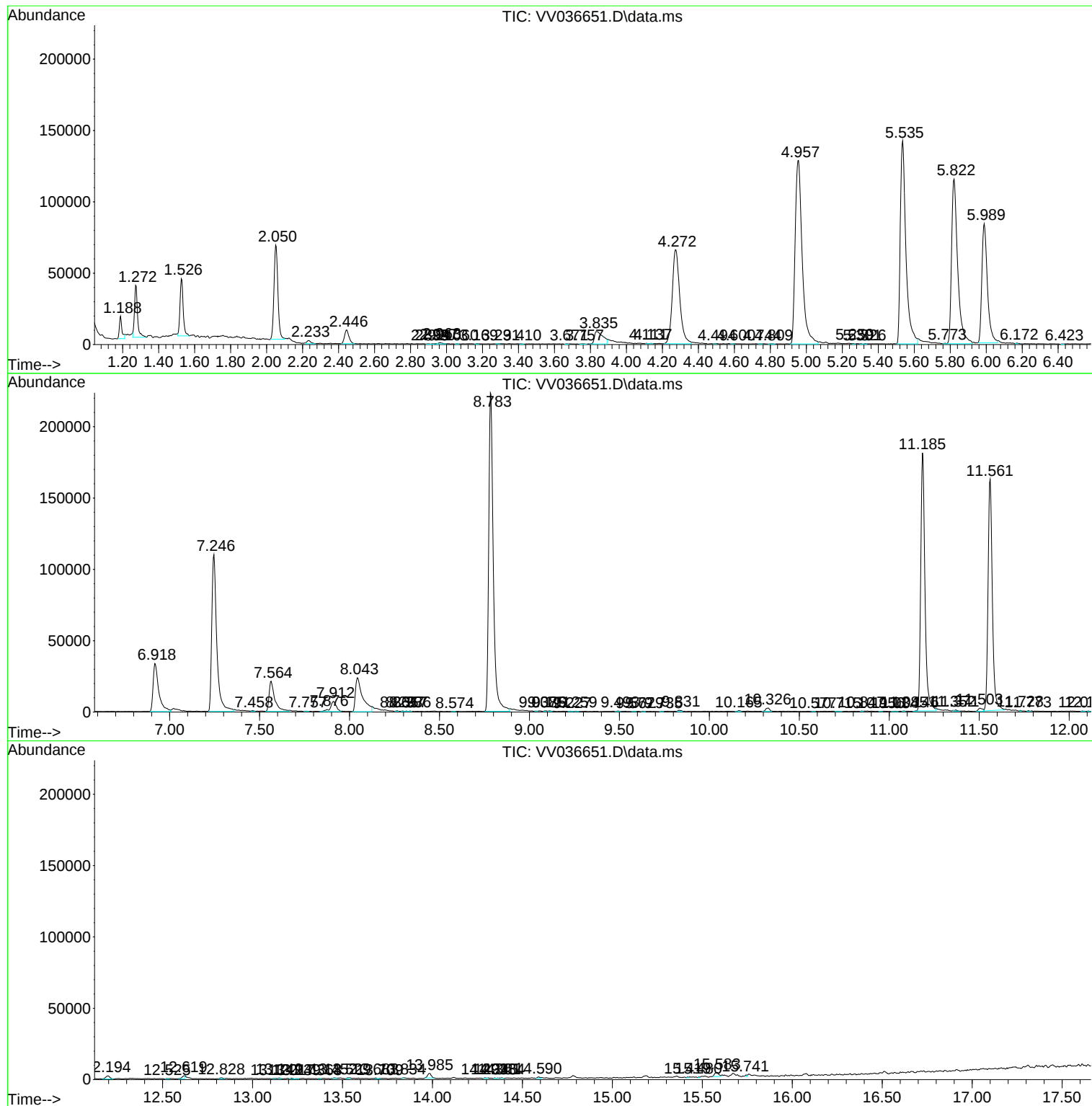
Sum of corrected areas: 2968214

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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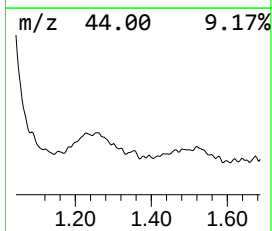
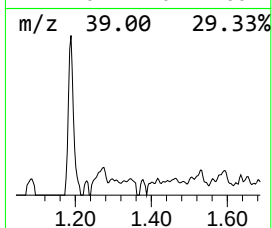
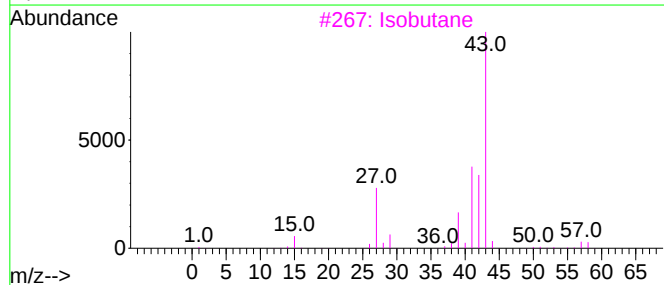
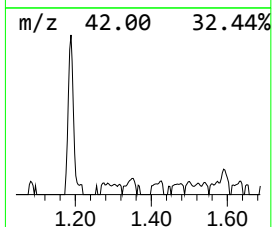
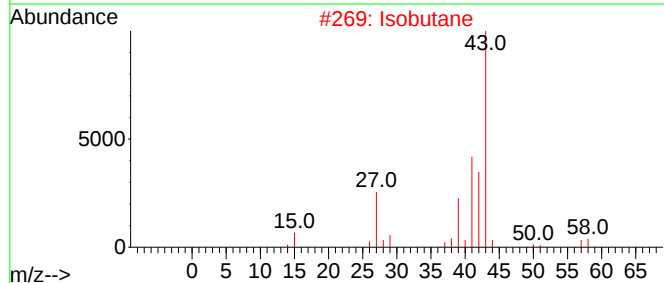
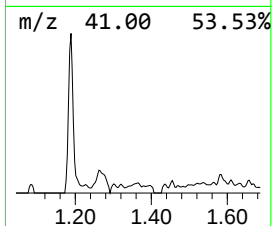
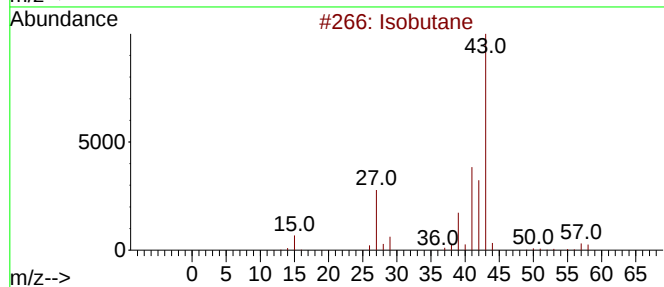
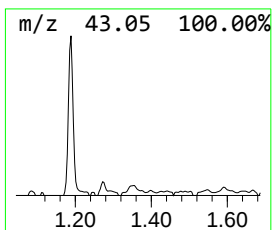
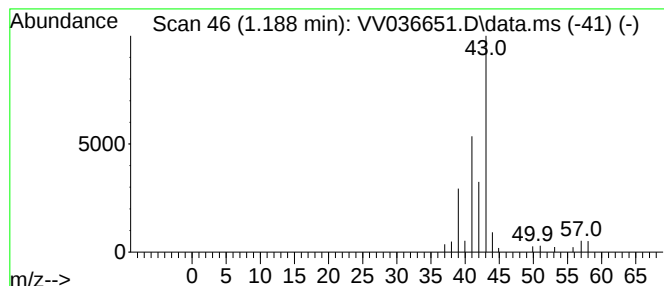
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.188	1.28 ug/L	15797	1,4-Difluorobenzene	5.535

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isobutane	58	C4H10	000075-28-5	42
2			Isobutane	58	C4H10	000075-28-5	42
3			Isobutane	58	C4H10	000075-28-5	9
4			5-Methyloxazolidine	87	C4H9NO	058328-22-6	9
5			Propene	42	C3H6	000115-07-1	7



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	1.188	1.3	ug/L	15797	1	5.535	309385	25.0